



Air Conditioning & Heating

GSC10 COMMERCIAL

SPLIT SYSTEM AIR CONDITIONER

11 EER 7½ & 10 TONS

Standard Features

- Energy-efficient compressor
- Quiet operating top discharge
- High-efficiency copper tube/aluminum fin coil
- Brass liquid and suction service valves
- Factory-installed filter dryer
- Contactor with lug connections
- Ground lug connection
- Complies with ASHRAE Standard 90.1
- ETL Listed

Cabinet Features

- Goodman® brand sound control top design
- Steel louver coil guard protects the coil from damage and adds strength to unit
- Bottom pan rails elevate unit above slab
- Heavy-gauge galvanized-steel cabinet
- Attractive Architectural Gray powder-paint finish with 500-hour salt-spray approval
- When properly anchored, meets the 2001 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)



Contents

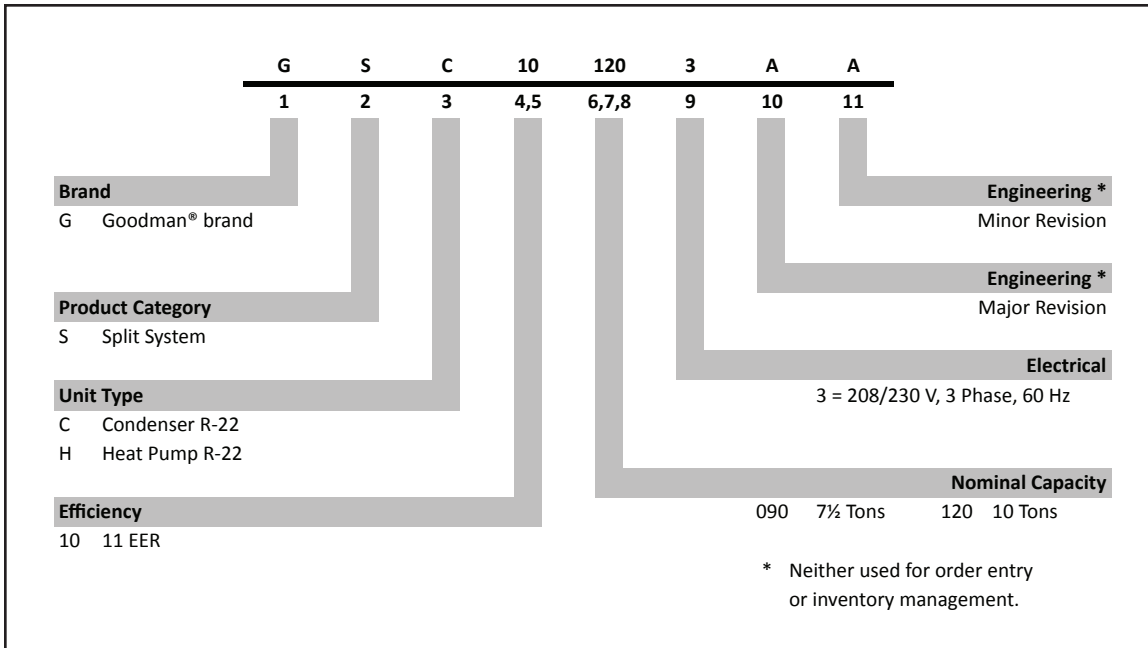
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* Complete warranty details available from your local dealer or at www.goodmanmfg.com.



NOMENCLATURE



PRODUCT SPECIFICATIONS

	GSC10 0903A*	GSC10 1203A*	GSC10 1203B*
COOLING CAPACITIES			
Nominal Cooling (BTU/h)	87,000	109,000	114,000
EER/IEER	11.2/11.5	11.2/---	11.2/11.2
Decibels	84	84	84
COMPRESSOR			
RLA	25.6	30.1	30.1
LRA	196	225	225
CONDENSER FAN MOTOR			
Horsepower	1	1	1
FLA	5.6	5.6	5.6
REFRIGERATION SYSTEM			
Liquid Valve Size ("O.D.)	5/8"	5/8"	5/8"
Suction Valve Size ("O.D.) (7½ tons) ¹	1 1/8"	1 1/8"	1 1/8"
Suction Valve Size ("O.D.) (10 tons) ¹	1 5/8"	1 5/8"	1 5/8"
Valve Type	Sweat	Sweat	Sweat
ELECTRICAL DATA			
AC Volts	208-230	208-230	208-230
Hz / Phase	60 Hz/3	60 Hz/3	60 Hz/3
Minimum Circuit Ampacity ²	37.6	43.2	43.2
Max. Overcurrent Protection ³	60	70	70
Min / Max Volts	197/253	197/253	197/253
Electrical Conduit Size	½" or ¾"	½" or ¾"	½" or ¾"
SHIP WEIGHT (LBS)	254	296	315

¹ Up to 25' in equivalent line length

² Wire size should be determined in accordance with National Electrical Codes; extensive wire runs will require larger wire sizes

³ Must use time-delay fuses or HACR-type circuit breakers of the same size as noted.

Note: Always check the S&R plate for electrical data on the unit being installed.

EXPANDED COOLING DATA — G5C100903A* / AR090

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE												
		65°F				75°F				85°F				95°F				105°F				115°F				
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
70	3038	MBh	86.2	89.4	97.9	-	84.2	87.3	95.6	-	82.2	85.2	93.4	-	80.2	83.1	91.1	-	76.2	79.0	86.5	-	70.6	73.2	80.2	-
		S/T	0.72	0.60	0.42	-	0.75	0.63	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.69	0.48	-	0.83	0.69	0.48	-
		ΔT	19	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	16	12	-	18	15	12	-
	2700	kW	6.80	6.93	7.13	-	7.28	7.42	7.64	-	7.70	7.85	8.09	-	8.07	8.23	8.48	-	8.38	8.55	8.82	-	8.65	8.83	9.11	-
		Amps	18.3	18.6	19.2	-	19.6	20.0	20.5	-	21.0	21.5	22.1	-	22.3	22.8	23.5	-	23.6	24.1	24.9	-	24.9	25.4	26.2	-
		Hi PR	149	160	169	-	167	179	190	-	190	204	216	-	216	232	245	-	243	262	276	-	269	289	305	-
	2363	Lo PR	59	63	69	-	62	66	73	-	65	69	75	-	68	73	79	-	71	76	83	-	74	79	86	-
		MBh	83.7	86.8	95.1	-	81.8	84.8	92.9	-	79.8	82.7	90.7	-	77.9	80.7	88.4	-	74.0	76.7	84.0	-	68.5	71.0	77.8	-
		S/T	0.69	0.58	0.40	-	0.71	0.60	0.41	-	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.79	0.66	0.45	-	0.79	0.66	0.46	-
	2363	ΔT	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-
		kW	6.61	6.73	6.93	-	7.07	7.20	7.41	-	7.47	7.62	7.84	-	7.82	7.98	8.22	-	8.13	8.29	8.54	-	8.39	8.56	8.82	-
		Amps	17.7	18.1	18.6	-	18.9	19.3	19.9	-	20.4	20.8	21.4	-	21.6	22.1	22.7	-	22.8	23.3	24.0	-	24.0	24.6	25.3	-
2363	Hi PR	143	154	162	-	160	172	182	-	182	196	207	-	207	223	236	-	233	251	265	-	258	278	293	-	
	Lo PR	57	60	66	-	60	64	70	-	62	66	72	-	65	70	76	-	69	73	80	-	71	76	82	-	

75	3038	MBh	87.7	90.3	97.7	104.9	85.7	88.2	95.5	102.5	83.6	86.1	93.2	100.0	81.6	84.0	90.9	97.6	77.5	79.8	86.4	92.7	71.8	73.9	80.0	85.9
		S/T	0.82	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.94	0.84	0.63	0.41	0.94	0.84	0.64	0.41
		ΔT	22	20	16	11	22	20	17	12	22	20	17	12	22	21	17	12	22	20	17	11	21	19	15	11
	2700	kW	6.85	6.99	7.19	7.40	7.33	7.48	7.70	7.93	7.76	7.91	8.15	8.40	8.13	8.30	8.55	8.82	8.45	8.62	8.89	9.17	8.72	8.90	9.18	9.47
		Amps	18.4	18.8	19.3	20.0	19.7	20.1	20.7	21.4	21.2	21.7	22.3	23.1	22.5	23.0	23.7	24.5	23.8	24.3	25.1	25.9	25.1	25.6	26.4	27.3
		Hi PR	150	162	171	178	168	181	191	200	192	206	218	227	218	235	248	259	245	264	279	291	271	292	308	321
	2363	Lo PR	60	64	69	74	63	67	73	78	66	70	76	81	69	73	80	85	72	77	84	89	75	79	87	92
		MBh	85.1	87.7	94.9	101.8	83.2	85.6	92.7	99.5	81.2	83.6	90.5	97.1	79.2	81.5	88.3	94.7	75.2	77.5	83.9	90.0	69.7	71.8	77.7	83.4
		S/T	0.78	0.70	0.53	0.34	0.81	0.73	0.55	0.35	0.83	0.75	0.56	0.36	0.86	0.77	0.58	0.37	0.89	0.80	0.60	0.39	0.90	0.81	0.61	0.39
	2363	ΔT	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	21	20	16	11
		kW	6.80	6.93	7.13	7.34	7.28	7.42	7.64	7.87	7.70	7.85	8.09	8.34	8.07	8.23	8.48	8.75	8.38	8.56	8.82	9.10	8.65	8.83	9.11	9.40
		Amps	18.3	18.7	19.2	19.8	19.6	20.0	20.5	21.2	21.0	21.5	22.1	22.9	22.3	22.8	23.5	24.3	23.6	24.1	24.9	25.7	24.9	25.4	26.2	27.1
2363	Hi PR	149	160	169	176	167	179	190	198	190	204	216	225	216	233	246	256	243	262	276	288	269	289	305	318	
	Lo PR	59	63	69	73	62	66	73	77	65	69	75	80	68	73	79	84	71	76	83	88	74	79	86	91	
	MBh	78.6	80.9	87.6	94.0	76.8	79.0	85.5	91.8	74.9	77.1	83.5	89.6	73.1	75.3	81.5	87.4	69.4	71.5	77.4	83.1	64.3	66.2	71.7	76.9	
2363	S/T	0.76	0.68	0.51	0.33	0.78	0.70	0.53	0.34	0.80	0.72	0.54	0.35	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.87	0.78	0.59	0.38	
	ΔT	23	21	17	12	23	22	18	12	23	22	18	12	24	22	18	12	24	22	18	12	22	20	16	11	
	kW	6.66	6.78	6.98	7.18	7.12	7.26	7.47	7.69	7.52	7.67	7.90	8.14	7.88	8.04	8.29	8.54	8.19	8.36	8.61	8.88	8.45	8.63	8.89	9.17	
2363	Amps	17.8	18.2	18.7	19.3	19.1	19.5	20.1	20.7	20.5	21.0	21.6	22.3	21.8	22.2	22.9	23.7	23.0	23.5	24.2	25.1	24.2	24.8	25.5	26.4	
	Hi PR	144	155	164	171	162	174	184	192	184	198	209	218	210	226	238	248	236	254	268	279	261	280	296	309	
	Lo PR	57	61	67	71	61	64	70	75	63	67	73	78	66	70	77	82	69	74	81	86	72	76	83	89	

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects ACCA (TVA) conditions
 Amps = outdoor unit amps (comp. + fan)
 kW = Total system power

EXPANDED COOLING DATA — GSC100903A* / AR090 (CONT.)

IDB	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE												
	65°F				75°F				85°F				95°F				105°F				115°F				
	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
3038	MBh	89.3	91.2	97.4	104.2	87.2	89.1	95.2	101.7	85.1	87.0	92.9	99.3	83.0	84.8	90.6	96.9	78.9	80.6	86.1	92.0	73.1	74.7	79.8	85.3
	S/T	0.90	0.85	0.69	0.51	0.93	0.88	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.93	0.75	0.56	1.00	0.96	0.78	0.59	1.00	0.97	0.79	0.59
	ΔT	24	23	20	16	25	24	21	16	25	24	21	16	25	24	21	17	24	23	20	16	22	22	19	15
	kW	6.90	7.04	7.24	7.45	7.39	7.53	7.76	7.99	7.82	7.97	8.21	8.47	8.19	8.36	8.62	8.89	8.51	8.69	8.96	9.24	8.79	8.98	9.25	9.55
	Amps	18.6	18.9	19.5	20.1	19.9	20.3	20.9	21.6	21.4	21.8	22.5	23.3	22.7	23.2	23.9	24.7	24.0	24.5	25.3	26.2	25.3	25.9	26.7	27.6
	Hi PR	152	163	172	180	170	183	193	202	194	208	220	229	220	237	250	261	248	267	282	294	274	295	311	325
	Lo PR	60	64	70	75	64	68	74	79	66	70	77	82	70	74	81	86	73	78	85	90	75	80	88	93
	MBh	86.7	88.5	94.6	101.1	84.6	86.5	92.4	98.8	82.6	84.4	90.2	96.4	80.6	82.4	88.0	94.1	76.6	78.2	83.6	89.4	70.9	72.5	77.4	82.8
	S/T	0.86	0.81	0.66	0.49	0.89	0.84	0.68	0.51	0.91	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.98	0.92	0.75	0.56	0.99	0.93	0.75	0.56
	ΔT	25	24	21	17	26	25	21	17	26	25	21	17	26	25	22	17	26	24	21	17	24	23	20	16
	kW	6.85	6.99	7.19	7.40	7.33	7.48	7.70	7.93	7.76	7.91	8.15	8.40	8.13	8.30	8.55	8.82	8.45	8.62	8.89	9.17	8.72	8.91	9.18	9.47
	Amps	18.4	18.8	19.3	20.0	19.7	20.1	20.7	21.4	21.2	21.7	22.3	23.1	22.5	23.0	23.7	24.5	23.8	24.3	25.1	25.9	25.1	25.6	26.4	27.3
Hi PR	150	162	171	178	168	181	191	200	192	206	218	227	218	235	248	259	246	264	279	291	271	292	308	322	
Lo PR	60	64	69	74	63	67	73	78	66	70	76	81	69	73	80	85	72	77	84	89	75	79	87	92	
MBh	80.0	81.7	87.3	93.3	78.1	79.8	85.3	91.2	76.3	77.9	83.3	89.0	74.4	76.0	81.2	86.8	70.7	72.2	77.2	82.5	65.5	66.9	71.5	76.4	
S/T	0.83	0.78	0.63	0.47	0.86	0.81	0.66	0.49	0.88	0.83	0.67	0.50	0.91	0.85	0.69	0.52	0.94	0.89	0.72	0.54	0.95	0.89	0.73	0.54	
ΔT	26	25	22	17	26	25	22	17	26	25	22	17	26	25	22	18	26	24	21	17	24	23	20	16	
kW	6.71	6.83	7.03	7.23	7.17	7.31	7.52	7.75	7.58	7.73	7.96	8.21	7.94	8.11	8.35	8.61	8.25	8.42	8.68	8.95	8.52	8.69	8.96	9.25	
Amps	18.0	18.4	18.9	19.5	19.2	19.6	20.2	20.9	20.7	21.1	21.8	22.5	22.0	22.4	23.1	23.9	23.2	23.7	24.4	25.3	24.4	25.0	25.8	26.6	
Hi PR	146	157	166	173	163	176	186	194	186	200	211	220	212	228	241	251	238	256	271	282	263	283	299	312	
Lo PR	58	62	67	72	61	65	71	76	64	68	74	79	67	71	78	83	70	74	81	87	72	77	84	90	

3038	MBh	90.8	92.6	97.0	103.4	88.7	90.4	94.7	101.0	86.6	88.3	92.4	98.6	84.5	86.1	90.2	96.2	80.3	81.8	85.7	91.4	74.3	75.8	79.4	84.7
	S/T	0.95	0.91	0.82	0.67	0.98	0.95	0.85	0.69	1.00	0.97	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.94	0.76	1.00	1.00	0.94	0.77
	ΔT	26	26	24	21	26	26	24	21	26	26	24	21	26	26	25	21	24	25	24	21	23	23	23	20
	kW	6.95	7.09	7.29	7.51	7.44	7.59	7.82	8.05	7.87	8.03	8.28	8.53	8.26	8.43	8.68	8.96	8.58	8.76	9.03	9.31	8.86	9.05	9.33	9.63
	Amps	18.7	19.1	19.6	20.3	20.0	20.5	21.1	21.8	21.6	22.0	22.7	23.4	22.9	23.4	24.1	24.9	24.2	24.7	25.5	26.4	25.5	26.1	26.9	27.8
	Hi PR	153	165	174	182	172	185	195	204	195	210	222	232	223	240	253	264	250	270	285	297	277	298	314	328
	Lo PR	61	65	71	75	64	68	75	80	67	71	78	83	70	75	82	87	74	78	86	91	76	81	88	94
	MBh	88.2	89.9	94.1	100.4	86.1	87.8	91.9	98.1	84.1	85.7	89.7	95.7	82.0	83.6	87.6	93.4	77.9	79.4	83.2	88.7	72.2	73.6	77.1	82.2
	S/T	0.90	0.87	0.79	0.64	0.93	0.90	0.81	0.66	0.96	0.92	0.83	0.68	0.99	0.95	0.86	0.70	1.00	0.99	0.89	0.73	1.00	1.00	0.90	0.73
	ΔT	27	27	25	22	27	27	25	22	27	27	25	22	28	27	26	22	27	27	25	22	25	25	24	20
	kW	6.90	7.04	7.24	7.45	7.39	7.53	7.76	7.99	7.82	7.97	8.21	8.47	8.19	8.36	8.62	8.89	8.51	8.69	8.96	9.24	8.79	8.98	9.25	9.55
	Amps	18.6	18.9	19.5	20.1	19.9	20.3	20.9	21.6	21.4	21.8	22.5	23.3	22.7	23.2	23.9	24.7	24.0	24.5	25.3	26.2	25.3	25.9	26.7	27.6
Hi PR	152	163	172	180	170	183	193	202	194	208	220	229	220	237	250	261	248	267	282	294	274	295	311	325	
Lo PR	60	64	70	75	64	68	74	79	66	70	77	82	70	74	81	86	73	78	85	90	75	80	88	93	
MBh	81.4	83.0	86.9	92.7	79.5	81.0	84.9	90.5	77.6	79.1	82.8	88.4	75.7	77.2	80.8	86.2	71.9	73.3	76.8	81.9	66.6	67.9	71.1	75.9	
S/T	0.87	0.84	0.76	0.61	0.90	0.87	0.78	0.64	0.92	0.89	0.80	0.65	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70	1.00	0.96	0.87	0.71	
ΔT	28	27	26	22	28	27	26	22	28	27	26	22	28	28	26	23	28	27	26	22	26	25	24	21	
kW	6.75	6.88	7.08	7.29	7.22	7.37	7.58	7.81	7.64	7.79	8.02	8.27	8.00	8.17	8.42	8.68	8.32	8.49	8.75	9.02	8.58	8.76	9.03	9.32	
Amps	18.1	18.5	19.0	19.6	19.4	19.8	20.4	21.0	20.9	21.3	21.9	22.7	22.1	22.6	23.3	24.1	23.4	23.9	24.6	25.5	24.7	25.2	26.0	26.9	
Hi PR	147	158	167	174	165	178	188	196	188	202	213	222	214	230	243	253	241	259	273	285	266	286	302	315	
Lo PR	59	62	68	72	62	66	72	76	64	68	75	79	67	72	78	83	71	75	82	87	73	78	85	90	

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects AHRI (TVA) conditions
 Amps = outdoor unit amps (comp. + fan)
 kW = Total system power

EXPANDED COOLING DATA — G5C101203A* / AR120

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE																								
		65°F				75°F				85°F				95°F				105°F				115°F				
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
70	4050	MBh	111.7	115.8	126.9	-	109.1	113.1	123.9	-	106.5	110.4	121.0	-	103.9	107.7	118.0	-	98.7	102.3	112.1	-	91.4	94.8	103.8	
		S/T	0.72	0.60	0.42	-	0.75	0.63	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.69	0.48	-	0.83	0.69	0.48	
	ΔT	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	18	16	12	-	17	15	11		
	kW	8.78	8.95	9.21	-	9.40	9.59	9.88	-	9.95	10.15	10.46	-	10.44	10.65	10.98	-	10.85	11.07	11.42	-	11.20	11.44	11.80		
	Amps	21.7	22.2	22.9	-	23.3	23.9	24.6	-	25.2	25.8	26.6	-	26.8	27.4	28.2	-	28.4	29.0	29.9	-	30.0	30.7	31.6		
	Hi PR	135	146	154	-	152	164	173	-	173	186	196	-	197	212	224	-	221	238	252	-	245	263	278		
	Lo PR	58	62	68	-	62	66	72	-	64	68	74	-	67	72	78	-	71	75	82	-	73	78	85		
	MBh	108.5	112.4	123.2	-	105.9	109.8	120.3	-	103.4	107.2	117.4	-	100.9	104.6	114.6	-	95.8	99.3	108.8	-	88.8	92.0	100.8		
	S/T	0.69	0.58	0.40	-	0.71	0.60	0.41	-	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.79	0.66	0.45	-	0.79	0.66	0.46		
	ΔT	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	18	16	12		
	kW	8.72	8.89	9.15	-	9.33	9.52	9.80	-	9.88	10.08	10.38	-	10.36	10.57	10.89	-	10.76	10.99	11.33	-	11.12	11.35	11.70		
	Amps	21.6	22.0	22.7	-	23.2	23.7	24.4	-	25.0	25.5	26.3	-	26.6	27.2	28.0	-	28.1	28.8	29.7	-	29.7	30.4	31.4		
Hi PR	134	144	152	-	150	162	171	-	171	184	194	-	195	210	221	-	219	236	249	-	242	261	275			
Lo PR	58	61	67	-	61	65	71	-	63	68	74	-	67	71	77	-	70	74	81	-	72	77	84			
MBh	100.1	103.8	113.7	-	97.8	101.3	111.0	-	95.4	98.9	108.4	-	93.1	96.5	105.7	-	88.5	91.7	100.5	-	81.9	84.9	93.1			
S/T	0.67	0.56	0.38	-	0.69	0.58	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.76	0.64	0.44			
ΔT	19	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12			
kW	8.53	8.69	8.94	-	9.13	9.31	9.58	-	9.65	9.85	10.14	-	10.12	10.32	10.64	-	10.51	10.73	11.06	-	10.85	11.08	11.42			
Amps	21.0	21.5	22.1	-	22.6	23.1	23.8	-	24.4	24.9	25.7	-	25.9	26.5	27.3	-	27.4	28.0	28.9	-	28.9	29.6	30.5			
Hi PR	130	140	148	-	146	157	166	-	166	179	189	-	189	203	215	-	213	229	242	-	235	253	267			
Lo PR	56	60	65	-	59	63	69	-	62	65	71	-	65	69	75	-	68	72	79	-	70	75	81			
75	4050	MBh	113.6	117.0	126.6	135.9	111.0	114.2	123.7	132.7	108.3	111.5	120.7	129.6	105.7	108.8	117.8	126.4	100.4	103.4	111.9	120.1	93.0	95.7	103.6	111.2
		S/T	0.82	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.94	0.84	0.63	0.41	0.94	0.84	0.64	0.41
	ΔT	21	20	16	11	21	20	16	11	21	20	16	11	22	20	16	11	21	20	16	11	21	20	18	15	
	kW	8.85	9.02	9.28	9.56	9.48	9.67	9.95	10.26	10.03	10.23	10.55	10.87	10.52	10.74	11.07	11.42	10.93	11.16	11.51	11.88	11.29	11.53	11.89	12.27	
	Amps	21.9	22.4	23.1	23.9	23.5	24.1	24.8	25.6	25.4	26.0	26.8	27.7	27.0	27.6	28.5	29.5	28.6	29.3	30.2	31.3	30.2	30.9	31.9	33.1	
	Hi PR	137	147	155	162	154	165	174	182	175	188	198	207	199	214	226	236	224	241	254	265	247	266	281	293	
	Lo PR	59	63	68	73	62	66	72	77	65	69	75	80	68	72	79	84	71	76	83	88	74	78	86	91	
	MBh	110.3	113.6	122.9	131.9	107.7	110.9	120.1	128.9	105.2	108.3	117.2	125.8	102.6	105.6	114.3	122.7	97.5	100.4	108.6	116.6	90.3	93.0	100.6	108.0	
	S/T	0.78	0.70	0.53	0.34	0.81	0.73	0.55	0.35	0.83	0.75	0.56	0.36	0.86	0.77	0.58	0.37	0.89	0.80	0.60	0.39	0.90	0.81	0.61	0.39	
	ΔT	22	20	17	12	22	21	17	12	22	21	17	12	23	21	17	12	23	20	17	12	21	19	16	11	
	kW	8.78	8.96	9.22	9.49	9.41	9.59	9.88	10.18	9.95	10.16	10.46	10.79	10.44	10.65	10.98	11.33	10.85	11.08	11.42	11.78	11.21	11.44	11.80	12.18	
	Amps	21.8	22.2	22.9	23.7	23.4	23.9	24.6	25.4	25.2	25.8	26.6	27.5	26.8	27.4	28.3	29.3	28.4	29.0	30.0	31.0	30.0	30.7	31.6	32.8	
Hi PR	135	146	154	161	152	164	173	180	173	186	196	205	197	212	224	233	222	238	252	263	245	263	278	290		
Lo PR	58	62	68	72	62	66	72	76	64	68	74	79	67	72	78	83	71	75	82	87	73	78	85	90		
MBh	101.8	104.8	113.5	121.8	99.4	102.4	110.8	118.9	97.1	99.9	108.2	116.1	94.7	97.5	105.5	113.3	90.0	92.6	100.3	107.6	83.3	85.8	92.9	99.7		
S/T	0.76	0.68	0.51	0.33	0.78	0.70	0.53	0.34	0.80	0.72	0.54	0.35	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.87	0.78	0.59	0.38		
ΔT	22	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	21	19	16	11		
kW	8.59	8.76	9.01	9.28	9.19	9.38	9.65	9.94	9.73	9.92	10.22	10.54	10.20	10.41	10.72	11.06	10.60	10.82	11.15	11.50	10.94	11.17	11.52	11.88		
Amps	21.2	21.7	22.3	23.1	22.8	23.3	24.0	24.8	24.6	25.1	25.9	26.8	26.1	26.7	27.5	28.5	27.7	28.3	29.2	30.2	29.2	29.9	30.8	31.9		
Hi PR	131	141	149	156	147	159	168	175	168	180	191	199	191	206	217	226	215	231	244	255	237	255	270	281		
Lo PR	57	60	66	70	60	64	69	74	62	66	72	77	65	69	76	81	68	73	80	85	71	75	82	88		

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects ACCA (TVA) conditions
 Amps = outdoor unit amps (comp. +fan)
 kW = Total system power

EXPANDED COOLING DATA — GSC101203A* / AR120 (CONT.)

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE													
		65°F				75°F				85°F				95°F				105°F				115°F					
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71		
80	4050	MBh	115.6	118.1	126.2	134.9	112.9	115.4	123.3	131.8	110.2	112.7	120.4	128.7	107.6	109.9	117.4	125.5	102.2	104.4	111.5	119.2	94.6	96.7	103.3	110.5	
		S/T	0.90	0.85	0.69	0.51	0.93	0.88	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.93	0.75	0.56	1.00	0.96	0.78	0.59	1.00	0.97	0.79	0.59	
		ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	23	21	18	15	21	21	19	15	
	3600	kW	8.91	9.09	9.35	9.63	9.55	9.74	10.03	10.34	10.11	10.31	10.63	10.96	10.60	10.82	11.16	11.51	11.02	11.25	11.60	11.97	11.38	11.62	11.99	12.37	
		Amps	22.1	22.6	23.3	24.1	23.7	24.3	25.0	25.9	25.6	26.2	27.0	28.0	27.3	27.9	28.7	29.8	28.9	29.6	30.5	31.6	30.5	31.2	32.2	33.3	
		Hi PR	138	149	157	164	155	167	176	184	176	190	200	209	201	216	228	238	226	243	257	268	250	269	284	296	
	85	4050	Lo PR	60	63	69	74	63	67	73	78	65	70	76	81	69	73	80	85	72	77	84	89	74	79	86	92
			MBh	112.3	114.7	122.6	131.0	109.6	112.0	119.7	128.0	107.0	109.4	116.9	124.9	104.4	106.7	114.0	121.9	99.2	101.4	108.3	115.8	91.9	93.9	100.3	107.2
			S/T	0.86	0.81	0.66	0.49	0.89	0.84	0.68	0.51	0.91	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.98	0.92	0.75	0.56	0.99	0.93	0.75	0.56
		3600	ΔT	25	24	21	16	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	23	22	19	15
			kW	8.85	9.02	9.28	9.56	9.48	9.67	9.95	10.26	10.03	10.24	10.55	10.87	10.52	10.74	11.07	11.42	10.94	11.16	11.51	11.88	11.29	11.53	11.89	12.28
			Amps	21.9	22.4	23.1	23.9	23.5	24.1	24.8	25.6	25.4	26.0	26.8	27.7	27.0	27.6	28.5	29.5	28.6	29.3	30.2	31.3	30.2	30.9	31.9	33.1
3150		Hi PR	137	147	155	162	154	165	174	182	175	188	198	207	199	214	226	236	224	241	254	265	247	266	281	293	
		Lo PR	59	63	68	73	62	66	72	77	65	69	75	80	68	72	79	84	71	76	83	88	74	78	86	91	
		MBh	103.6	105.9	113.1	120.9	101.2	103.4	110.5	118.1	98.8	100.9	107.9	115.3	96.4	98.5	105.2	112.5	91.6	93.6	100.0	106.9	84.8	86.7	92.6	99.0	
85		4050	S/T	0.83	0.78	0.63	0.47	0.86	0.81	0.66	0.49	0.88	0.83	0.67	0.50	0.91	0.85	0.69	0.52	0.94	0.89	0.72	0.54	0.95	0.89	0.73	0.54
			ΔT	25	24	21	17	25	24	21	17	25	24	21	17	26	25	21	17	26	25	21	17	24	23	20	16
			kW	8.65	8.82	9.08	9.35	9.26	9.45	9.73	10.02	9.80	10.00	10.30	10.62	10.28	10.49	10.81	11.14	10.68	10.90	11.24	11.59	11.03	11.26	11.61	11.98
	3600	Amps	21.4	21.9	22.5	23.3	23.0	23.5	24.2	25.0	24.8	25.3	26.1	27.0	26.3	26.9	27.8	28.7	27.9	28.5	29.4	30.5	29.4	30.1	31.1	32.2	
		Hi PR	133	143	151	157	149	160	169	177	169	182	192	201	193	208	219	229	217	234	247	257	240	258	272	284	
		Lo PR	57	61	66	71	60	64	70	75	63	67	73	78	66	70	77	82	69	74	80	86	72	76	83	88	
	85	4050	MBh	117.6	119.9	125.6	134.0	114.9	117.1	122.7	130.9	112.2	114.3	119.8	127.8	109.4	111.6	116.8	124.6	104.0	106.0	111.0	118.4	96.3	98.2	102.8	109.7
			S/T	0.95	0.91	0.82	0.67	0.98	0.95	0.85	0.69	1.00	0.97	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.94	0.76	1.00	1.00	0.94	0.77
			ΔT	25	25	23	20	26	25	24	21	25	25	24	21	25	25	24	21	24	24	24	21	22	22	22	19
		3600	kW	8.98	9.16	9.42	9.71	9.62	9.81	10.11	10.42	10.18	10.39	10.71	11.04	10.68	10.91	11.24	11.60	11.11	11.34	11.70	12.07	11.47	11.72	12.09	12.47
			Amps	22.3	22.8	23.5	24.3	23.9	24.5	25.2	26.1	25.8	26.4	27.2	28.2	27.5	28.1	29.0	30.0	29.1	29.8	30.7	31.8	30.8	31.5	32.5	33.6
			Hi PR	140	150	159	165	157	169	178	186	178	192	202	211	203	218	231	240	228	246	259	271	252	271	287	299
85		4050	Lo PR	60	64	70	74	64	68	74	79	66	70	77	82	69	74	81	86	73	77	84	89	75	80	87	93
			MBh	114.2	116.4	121.9	130.1	111.6	113.7	119.1	127.1	108.9	111.0	116.3	124.0	106.2	108.3	113.4	121.0	100.9	102.9	107.8	115.0	93.5	95.3	99.8	106.5
			S/T	0.90	0.87	0.79	0.64	0.93	0.90	0.81	0.66	0.96	0.92	0.83	0.68	0.99	0.95	0.86	0.70	1.00	0.99	0.89	0.73	1.00	1.00	0.90	0.73
		3600	ΔT	26	26	24	21	27	26	25	21	27	26	25	21	27	26	25	22	26	26	25	21	24	24	23	20
			kW	8.91	9.09	9.35	9.63	9.55	9.74	10.03	10.34	10.11	10.31	10.63	10.96	10.60	10.82	11.16	11.51	11.02	11.25	11.60	11.97	11.38	11.62	11.99	12.37
			Amps	22.1	22.6	23.3	24.1	23.7	24.3	25.0	25.9	25.6	26.2	27.0	28.0	27.3	27.9	28.7	29.8	28.9	29.6	30.5	31.6	30.5	31.2	32.2	33.3
	85	4050	Hi PR	138	149	157	164	155	167	176	184	176	190	200	209	201	216	228	238	226	243	257	268	250	269	284	296
			Lo PR	60	63	69	74	63	67	73	78	65	70	76	81	69	73	80	85	72	77	84	89	74	79	86	92
			MBh	105.4	107.5	112.5	120.1	103.0	105.0	109.9	117.3	100.5	102.5	107.3	114.5	98.1	100.0	104.7	111.7	93.2	95.0	99.5	106.1	86.3	88.0	92.1	98.3
		3600	S/T	0.87	0.84	0.76	0.61	0.90	0.87	0.78	0.64	0.92	0.89	0.80	0.65	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70	1.00	0.96	0.87	0.71
			ΔT	27	26	25	22	27	27	25	22	27	27	25	22	27	27	25	22	27	26	25	22	25	25	23	20
			kW	8.72	8.89	9.14	9.42	9.33	9.52	9.80	10.10	9.88	10.08	10.38	10.70	10.35	10.57	10.89	11.23	10.76	10.99	11.33	11.68	11.11	11.35	11.70	12.07
3150		Amps	21.6	22.0	22.7	23.5	23.1	23.7	24.4	25.2	25.0	25.5	26.3	27.2	26.6	27.2	28.0	29.0	28.1	28.8	29.7	30.7	29.7	30.4	31.3	32.5	
		Hi PR	134	144	152	159	150	162	171	178	171	184	194	203	195	210	221	231	219	236	249	260	242	261	275	287	
		Lo PR	58	61	67	71	61	65	71	76	63	67	74	78	67	71	77	82	70	74	81	86	72	77	84	89	

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects AHRI (TVA) conditions
 Amps = outdoor unit amps (comp. + fan)
 kW = Total system power

EXPANDED COOLING DATA — G5C101203B* / AR120

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE																								
		65°F				75°F				85°F				95°F				105°F				115°F				
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
70	3600	MBh	106.8	110.7	121.3	-	104.3	108.2	118.5	-	101.9	105.6	115.7	-	99.4	103.0	112.9	-	94.4	97.9	107.2	-	87.5	90.6	99.3	-
		S/T	0.66	0.55	0.38	-	0.68	0.57	0.39	-	0.70	0.58	0.40	-	0.72	0.60	0.42	-	0.75	0.62	0.43	-	0.75	0.63	0.44	-
		ΔT	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-
		kW	7.81	7.97	8.21	-	8.39	8.56	8.82	-	8.89	9.08	9.36	-	9.34	9.53	9.84	-	9.72	9.92	10.24	-	10.04	10.26	10.59	-
		Amps	21.6	22.1	22.8	-	23.2	23.7	24.5	-	25.1	25.7	26.5	-	26.7	27.3	28.2	-	28.3	29.0	29.9	-	29.9	30.6	31.6	-
		HI PR	103	111	117	-	116	124	131	-	131	141	149	-	150	161	170	-	168	181	191	-	186	200	211	-
	3827	LO PR	43	45	49	-	45	48	52	-	47	50	54	-	49	52	57	-	51	55	60	-	53	57	62	-
		MBh	108.5	112.4	123.2	-	105.9	109.8	120.3	-	103.4	107.2	117.4	-	100.9	104.6	114.6	-	95.8	99.3	108.8	-	88.8	92.0	100.8	-
		S/T	0.68	0.57	0.39	-	0.70	0.59	0.41	-	0.72	0.60	0.42	-	0.75	0.62	0.43	-	0.77	0.65	0.45	-	0.78	0.65	0.45	-
		ΔT	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	15	12	-	17	14	11	-
		kW	7.92	8.08	8.32	-	8.50	8.67	8.94	-	9.01	9.20	9.49	-	9.46	9.67	9.97	-	9.85	10.06	10.38	-	10.18	10.40	10.74	-
		Amps	21.9	22.4	23.1	-	23.6	24.1	24.8	-	25.5	26.0	26.8	-	27.1	27.7	28.6	-	28.7	29.4	30.3	-	30.4	31.1	32.1	-
3900	HI PR	105	113	119	-	118	127	134	-	134	144	152	-	152	164	173	-	171	184	195	-	189	204	215	-	
	LO PR	43	46	50	-	46	49	53	-	47	51	55	-	50	53	58	-	52	56	61	-	54	58	63	-	
	MBh	108.5	112.4	123.2	-	105.9	109.8	120.3	-	103.4	107.2	117.4	-	100.9	104.6	114.6	-	95.8	99.3	108.8	-	88.8	92.0	100.8	-	
	S/T	0.68	0.57	0.39	-	0.70	0.59	0.41	-	0.72	0.60	0.42	-	0.75	0.62	0.43	-	0.77	0.65	0.45	-	0.78	0.65	0.45	-	
	ΔT	17	15	11	-	18	15	12	-	18	15	12	-	18	15	12	-	17	15	11	-	16	14	11	-	
	kW	7.92	8.08	8.32	-	8.50	8.67	8.94	-	9.01	9.20	9.49	-	9.46	9.67	9.97	-	9.85	10.06	10.38	-	10.18	10.40	10.74	-	

75	3600	MBh	108.6	111.9	121.1	129.9	106.1	109.3	118.3	126.9	103.6	106.7	115.4	123.9	101.1	104.1	112.6	120.9	96.0	98.8	107.0	114.8	88.9	91.6	99.1	106.4
		S/T	0.74	0.67	0.50	0.32	0.77	0.69	0.52	0.34	0.79	0.71	0.54	0.34	0.82	0.73	0.55	0.36	0.85	0.76	0.57	0.37	0.85	0.76	0.58	0.37
		ΔT	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	15	10
		kW	7.88	8.03	8.28	8.53	8.45	8.63	8.89	9.17	8.96	9.15	9.44	9.74	9.41	9.61	9.92	10.24	9.79	10.00	10.32	10.66	10.12	10.34	10.68	11.03
		Amps	21.8	22.3	23.0	23.7	23.4	24.0	24.7	25.5	25.3	25.9	26.7	27.6	26.9	27.6	28.4	29.4	28.6	29.2	30.1	31.2	30.2	30.9	31.9	33.0
		HI PR	104	112	118	123	117	126	133	138	133	143	151	157	151	163	172	179	170	183	193	202	188	202	214	223
	3827	LO PR	43	46	50	53	45	48	53	56	47	50	55	58	50	53	58	61	52	55	60	64	54	57	62	66
		MBh	110.3	113.6	122.9	131.9	107.7	110.9	120.1	128.9	105.2	108.3	117.2	125.8	102.6	105.6	114.3	122.7	97.5	100.4	108.6	116.6	90.3	93.0	100.6	108.0
		S/T	0.77	0.69	0.52	0.34	0.80	0.72	0.54	0.35	0.82	0.73	0.56	0.36	0.85	0.76	0.57	0.37	0.88	0.79	0.60	0.38	0.89	0.79	0.60	0.39
		ΔT	20	19	15	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	15	10
		kW	7.98	8.14	8.39	8.64	8.57	8.74	9.01	9.30	9.08	9.28	9.57	9.87	9.54	9.75	10.05	10.38	9.93	10.14	10.47	10.81	10.27	10.49	10.83	11.18
		Amps	22.1	22.6	23.3	24.1	23.8	24.3	25.0	25.9	25.7	26.3	27.1	28.0	27.3	28.0	28.8	29.9	29.0	29.7	30.6	31.7	30.6	31.3	32.3	33.5
3900	HI PR	106	114	120	125	119	128	135	141	135	145	154	160	154	166	175	182	173	186	197	205	191	206	217	227	
	LO PR	44	46	51	54	46	49	54	57	48	51	56	59	50	54	59	62	53	56	61	65	55	58	63	68	
	MBh	110.3	113.6	122.9	131.9	107.7	110.9	120.1	128.9	105.2	108.3	117.2	125.8	102.6	105.6	114.3	122.7	97.5	100.4	108.6	116.6	90.3	93.0	100.6	108.0	
	S/T	0.77	0.69	0.52	0.34	0.80	0.72	0.54	0.35	0.82	0.73	0.56	0.36	0.85	0.76	0.57	0.37	0.88	0.79	0.60	0.38	0.89	0.79	0.60	0.39	
	ΔT	20	18	15	10	20	19	15	11	20	19	15	11	20	19	15	11	20	19	15	11	19	17	14	10	
	kW	7.98	8.14	8.39	8.64	8.57	8.74	9.01	9.30	9.08	9.28	9.57	9.87	9.54	9.75	10.05	10.38	9.93	10.14	10.47	10.81	10.27	10.49	10.83	11.18	

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects ACCA (TVA) conditions
 Amps = outdoor unit amps (comp.+fan)
 kW = Total system power

EXPANDED COOLING DATA — GSC101203B* / AR120 (CONT.)

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE																									
		65°F				75°F				85°F				95°F				105°F				115°F					
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71		
80	3600	MBh	110.6	113.0	120.7	129.0	108.0	110.4	117.9	126.0	105.4	107.7	115.1	123.0	102.9	105.1	112.3	120.0	97.7	99.8	106.7	114.0	90.5	92.5	98.8	105.6	
		S/T	0.82	0.77	0.62	0.47	0.85	0.79	0.65	0.48	0.87	0.81	0.66	0.50	0.90	0.84	0.68	0.51	0.93	0.87	0.71	0.53	0.94	0.88	0.72	0.53	
		ΔT	23	22	19	15	23	22	19	16	23	22	19	16	24	23	20	16	23	22	19	15	22	21	18	14	
	3827	kW	7.94	8.10	8.34	8.60	8.52	8.69	8.96	9.24	9.03	9.22	9.51	9.82	9.49	9.69	10.00	10.32	9.87	10.09	10.41	10.75	10.21	10.43	10.77	11.12	
		Amps	22.0	22.5	23.2	23.9	23.6	24.2	24.9	25.8	25.5	26.1	26.9	27.9	27.2	27.8	28.7	29.7	28.8	29.5	30.4	31.5	30.4	31.1	32.1	33.3	
		H1 PR	105	113	119	125	118	127	134	140	134	144	152	159	153	164	174	181	172	185	195	204	190	204	216	225	
	3900	LO PR	43	46	50	54	46	49	53	57	48	51	55	59	50	53	58	62	52	56	61	65	54	58	63	67	
		MBh	112.3	114.7	122.6	131.0	109.6	112.0	119.7	128.0	107.0	109.4	116.9	124.9	104.4	106.7	114.0	121.9	99.2	101.4	108.3	115.8	91.9	93.9	100.3	107.2	
		S/T	0.85	0.79	0.65	0.48	0.88	0.82	0.67	0.50	0.90	0.84	0.69	0.51	0.93	0.87	0.71	0.53	0.96	0.90	0.74	0.55	0.97	0.91	0.74	0.55	
	85	3600	ΔT	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	16	23	22	19	15	21	21	18	14
			kW	8.04	8.20	8.45	8.71	8.63	8.81	9.08	9.37	9.16	9.35	9.64	9.95	9.62	9.82	10.14	10.47	10.01	10.23	10.56	10.90	10.35	10.58	10.92	11.28
			Amps	22.3	22.8	23.5	24.3	24.0	24.5	25.3	26.1	25.9	26.5	27.3	28.3	27.6	28.2	29.1	30.1	29.2	29.9	30.9	32.0	30.9	31.6	32.6	33.8
3827		H1 PR	107	115	122	127	120	129	136	142	136	147	155	162	155	167	177	184	175	188	199	207	193	208	220	229	
		LO PR	44	47	51	55	47	50	54	58	48	52	56	60	51	54	59	63	53	57	62	66	55	59	64	68	
		MBh	112.3	114.7	122.6	131.0	109.6	112.0	119.7	128.0	107.0	109.4	116.9	124.9	104.4	106.7	114.0	121.9	99.2	101.4	108.3	115.8	91.9	93.9	100.3	107.2	
3900		S/T	0.85	0.79	0.65	0.48	0.88	0.82	0.67	0.50	0.90	0.84	0.69	0.51	0.93	0.87	0.71	0.53	0.96	0.90	0.74	0.55	0.97	0.91	0.74	0.55	
		ΔT	22	21	19	15	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	21	20	18	14	
		kW	8.04	8.20	8.45	8.71	8.63	8.81	9.08	9.37	9.16	9.35	9.64	9.95	9.62	9.82	10.14	10.47	10.01	10.23	10.56	10.90	10.35	10.58	10.92	11.28	
3900		Amps	22.3	22.8	23.5	24.3	24.0	24.5	25.3	26.1	25.9	26.5	27.3	28.3	27.6	28.2	29.1	30.1	29.2	29.9	30.9	32.0	30.9	31.6	32.6	33.8	
		H1 PR	107	115	122	127	120	129	136	142	136	147	155	162	155	167	177	184	175	188	199	207	193	208	220	229	
		LO PR	44	47	51	55	47	50	54	58	48	52	56	60	51	54	59	63	53	57	62	66	55	59	64	68	
85	3600	MBh	112.5	114.7	120.1	128.1	109.9	112.0	117.3	125.2	107.3	109.3	114.5	122.2	104.7	106.7	111.7	119.2	99.4	101.3	106.1	113.2	92.1	93.9	98.3	104.9	
		S/T	0.86	0.83	0.75	0.60	0.89	0.86	0.77	0.63	0.91	0.88	0.79	0.64	0.94	0.91	0.82	0.66	0.97	0.94	0.85	0.69	0.98	0.95	0.86	0.69	
		ΔT	25	24	23	20	25	24	23	20	25	25	23	20	25	25	23	20	25	24	23	20	23	23	21	19	
	3827	kW	8.00	8.16	8.40	8.66	8.58	8.76	9.03	9.32	9.10	9.30	9.59	9.90	9.56	9.77	10.08	10.40	9.95	10.17	10.49	10.84	10.29	10.51	10.85	11.21	
		Amps	22.2	22.7	23.3	24.2	23.8	24.4	25.1	26.0	25.7	26.3	27.2	28.1	27.4	28.0	28.9	30.0	29.1	29.7	30.7	31.8	30.7	31.4	32.4	33.6	
		H1 PR	106	114	121	126	119	128	135	141	135	146	154	161	154	166	175	183	174	187	197	206	192	206	218	227	
	3900	LO PR	44	47	51	54	46	49	54	57	48	51	56	59	51	54	59	62	53	56	61	65	55	58	64	68	
		MBh	114.2	116.4	121.9	130.1	111.6	113.7	119.1	127.1	108.9	111.0	116.3	124.0	106.2	108.3	113.4	121.0	100.9	102.9	107.8	115.0	93.5	95.3	99.8	106.5	
		S/T	0.89	0.86	0.77	0.63	0.92	0.89	0.80	0.65	0.94	0.91	0.82	0.67	0.97	0.94	0.85	0.69	1.00	0.98	0.88	0.71	1.00	0.98	0.89	0.72	
	85	3600	ΔT	24	24	23	20	25	24	23	20	25	24	23	20	25	24	23	20	24	24	23	20	22	22	21	18
			kW	8.10	8.27	8.52	8.78	8.70	8.88	9.16	9.45	9.23	9.42	9.72	10.03	9.70	9.90	10.22	10.55	10.09	10.31	10.64	10.99	10.44	10.66	11.01	11.37
			Amps	22.5	23.0	23.7	24.5	24.2	24.7	25.5	26.4	26.1	26.7	27.6	28.5	27.8	28.5	29.4	30.4	29.5	30.2	31.1	32.3	31.2	31.9	32.9	34.1
3827		H1 PR	108	116	123	128	121	130	138	144	138	148	157	163	157	169	178	186	177	190	201	209	195	210	222	231	
		LO PR	45	47	52	55	47	50	55	58	49	52	57	61	51	55	60	64	54	57	63	67	56	59	65	69	
		MBh	114.2	116.4	121.9	130.1	111.6	113.7	119.1	127.1	108.9	111.0	116.3	124.0	106.2	108.3	113.4	121.0	100.9	102.9	107.8	115.0	93.5	95.3	99.8	106.5	
3900		S/T	0.89	0.86	0.77	0.63	0.92	0.89	0.80	0.65	0.94	0.91	0.82	0.67	0.97	0.94	0.85	0.69	1.00	0.98	0.88	0.71	1.00	0.98	0.89	0.72	
		ΔT	24	24	22	19	24	24	22	19	24	24	23	19	24	24	23	20	24	24	23	20	22	22	21	18	
		kW	8.10	8.27	8.52	8.78	8.70	8.88	9.16	9.45	9.23	9.42	9.72	10.03	9.70	9.90	10.22	10.55	10.09	10.31	10.64	10.99	10.44	10.66	11.01	11.37	
3900		Amps	22.5	23.0	23.7	24.5	24.2	24.7	25.5	26.4	26.1	26.7	27.6	28.5	27.8	28.5	29.4	30.4	29.5	30.2	31.1	32.3	31.2	31.9	32.9	34.1	
		H1 PR	108	116	123	128	121	130	138	144	138	148	157	163	157	169	178	186	177	190	201	209	195	210	222	231	
		LO PR	45	47	52	55	47	50	55	58	49	52	57	61	51	55	60	64	54	57	63	67	56	59	65	69	

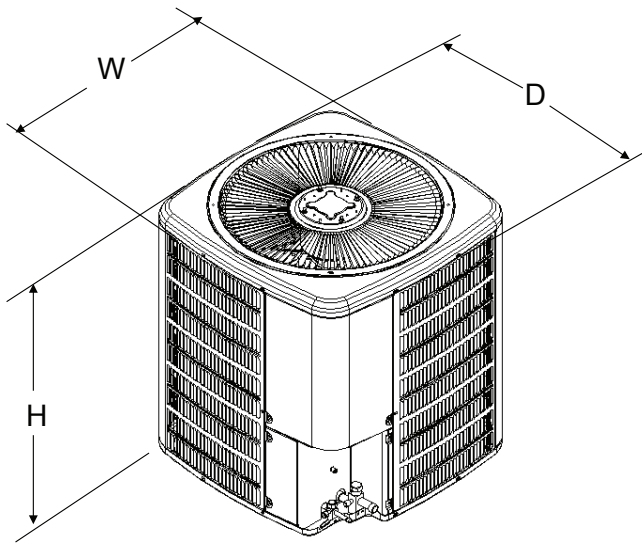
IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects AHRI (TVA) conditions
 Amps = outdoor unit amps (comp.+fan)
 kW = Total system power

PERFORMANCE RATINGS

CONDENSER	INDOOR MODEL	COOLING CAPACITY (BTU/H)			DBS
		TOTAL	SENSIBLE	EER ¹	
GSC100903*	AR090	88,000	63,400	10.3	84
GSC101203*	AR120	114,000	82,200	11.2	84

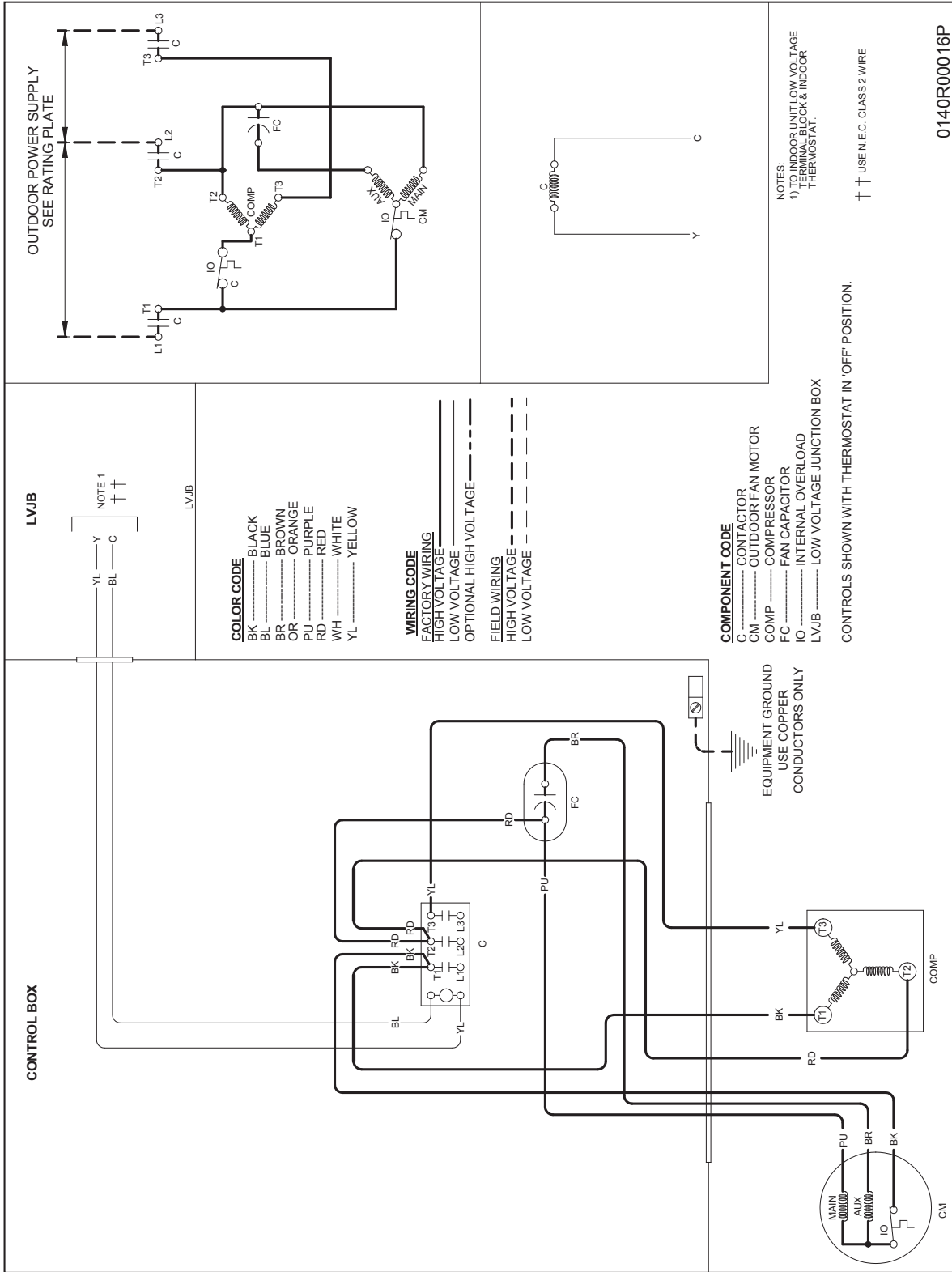
¹ Energy Efficiency Ratio @ 80 °F/67 °F Inside - 95 °F

DIMENSIONS



Model	Dimensions		
	W"	D"	H"
GSC100903**	35½	35½	41½
GSC101203**	35½	35½	41½

WIRING DIAGRAM



WARNING

High Voltage: Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.

Wiring is subject to change. Always refer to the wiring diagram or the unit for the most up-to-date wiring.

ACCESSORIES

MODEL	DESCRIPTION	GSC10 090*	GSC10 120*
ABK-20	Anchor Bracket Kit •	X	X
FSK01A	Freeze Protection Kit ¹	X	X
LA-01	Low Ambient Kit	X	X

• Contains 20 brackets; four brackets needed to anchor unit to pad

¹ Installed on indoor coil

